

Wood Furniture and Fixtures

**1995 TRI Releases for Wood Furniture and Fixtures Facilities (SIC 25)
by Number of Facilities Reporting (pounds/year)***

Chemical Name	# Reporting Chemical	Fugitive Air	Point Air	Water Discharges	Underground Injection	Land Disposal	Total Releases	Avg. Releases Per Facility
Toluene	266	1,479,594	10,234,554	755	0	589	11,715,492	44,043
Xylene (Mixed Isomers)	196	1,124,999	6,136,999	7	0	743	7,262,748	37,055
Methanol	168	618,719	7,267,279	5	0	300	7,886,303	46,942
Methyl Ethyl Ketone	155	423,104	3,796,245	5	0	196	4,219,550	27,223
N-butyl Alcohol	88	102,744	1,960,001	5	0	0	2,062,750	23,440
Methyl Isobutyl Ketone	65	147,567	1,156,207	5	0	304	1,304,083	20,063
Certain Glycol Ethers	40	128,099	676,581	0	0	0	804,680	20,117
Ethylbenzene	34	173,918	608,582	0	0	250	782,750	23,022
Dichloromethane[C]	14	289,120	117,566	0	0	0	406,686	29,049
1,1,1-Trichloroethane[O]	13	71,483	283,845	0	0	0	355,328	27,333
1,2,4-trimethylbenzene	9	50,890	251,112	0	0	0	302,002	33,556
Isopropyl Alcohol (Manufacturing, Strong-acid Process Only)	8	16,132	215,177	0	0	0	231,309	28,914
Phosphoric Acid	8	1,083	10	0	0	0	1,093	137
Formaldehyde[C]	7	39,365	1,536	0	0	0	40,901	5,843
Styrene[C]	7	18,422	38,184	0	0	0	56,606	8,087
Diisocyanates	3	170	0	0	0	0	170	57
Trichloroethylene[C]	3	1,470	62,133	0	0	0	63,603	21,201
Cumene	3	2,102	14,186	0	0	0	16,288	5,429
N-hexane	3	32,152	22,486	0	0	0	54,638	18,213
Barium Compounds[M]	2	250	0	0	0	0	250	125
Naphthalene	2	10	200	0	0	0	210	105
Nickel[C, M]	2	0	0	0	0	0	0	0
Hydrochloric Acid (1995 and after "Acid Aerosols" Only)	2	0	0	0	0	0	0	0
Chromium Compounds[C, M]	1	0	0	0	0	0	0	0
Chlorodifluoromethane[O]	1	5,483	0	0	0	0	5,483	5,483
Dibutyl Phthalate	1	0	19,858	0	0	0	19,858	19,858
Toluene-2,6-diisocyanate[C]	1	0	0	0	0	0	0	0
Ethylene Glycol	1	3	57	0	0	0	60	60
Maleic Anhydride	1	0	11	0	0	0	11	11
Phenol	1	0	3	0	0	0	3	3
Cyclohexane	1	1	24	0	0	0	25	25
1,2,4-trichlorobenzene	1	10	190	0	0	0	200	200
Tetrachloroethylene[C]	1	16,236	0	0	0	0	16,236	16,236
Dimethyl Phthalate	1	5,300	5,300	0	0	0	10,600	10,600
Toluene-2,4-diisocyanate[C]	1	0	0	0	0	0	0	0
Manganese[M]	1	250	0	0	0	0	250	250
Chromium[M]	1	5	0	0	0	0	5	5
Sulfuric Acid	1	0	0	0	0	0	0	0
	336**	4,748,681	32,868,326	782	0	2,382	37,620,171	111,965

[C] Known or suspect carcinogens

[M] Metals and metal compounds

[O] Ozone depleters

* Refer to Section III for a discussion of the TRI data and its limitations, methodology used to obtain this data, definitions of the column headings, and the definitions of carcinogens, metals, and ozone depleters.

**Total number of facilities (not chemical reports) reporting to TRI in this industry sector.

**1995 TRI Transfers for Wood Furniture and Fixtures Facilities (SIC 25)
by Number and Facilities Reporting (pounds/year)***

Chemical Name	# Reporting Chemical	Potw Transfers	Disposal Transfers	Recycling Transfers	Treatment Transfers	Energy Recovery Transfers	Total Transfers	Avg Transfer Per Facility
Toluene	266	3,825	16,916	634,154	152,451	1,460,126	2,267,472	8,524
Xylene (Mixed Isomers)	196	2,071	14,540	1,273,598	74,288	2,324,632	3,689,129	18,822
Methanol	168	1,749	15,480	705,472	30,860	498,109	1,251,920	7,452
Methyl Ethyl Ketone	155	30,229	15,403	322,439	75,831	402,507	846,409	5,461
N-butyl Alcohol	88	25	5	21,996	14,196	79,812	116,034	1,319
Methyl Isobutyl Ketone	65	461	14,502	78,922	40,750	181,165	315,800	4,858
Certain Glycol Ethers	40	12,510	750	23,646	8,541	67,251	112,698	2,817
Ethylbenzene	34	750	13,702	373,132	250	351,736	739,570	21,752
Dichloromethane[C]	14	0	.	23,600	19,700	18,697	61,997	4,428
1,1,1-Trichloroethane[O]	13	0	.	10,185	.	2,434	12,619	971
1,2,4-trimethylbenzene	9	255	.	123,211	.	220,906	344,372	38,264
Isopropyl Alcohol (Manufacturing, Strong-acid Process Only)	8	0	.	8,039	.	16,182	24,221	3,028
Phosphoric Acid	8	29,823	.	.	8,800	0	38,623	4,828
Formaldehyde[C]	7	250	.	.	250	5	505	72
Styrene[C]	7	0	.	.	250	.	250	36
Diisocyanates	3	0	.	.	.	.	0	0
Trichloroethylene[C]	3	0	.	666	.	.	666	222
Cumene	3	0	.	.	250	8,740	8,990	2,997
N-hexane	3	0	.	.	.	36,184	36,184	12,061
Barium Compounds[M]	2	0	750	1,406	.	.	2,156	1,078
Naphthalene	2	0	.	.	250	.	250	125
Nickel[C, M]	2	308	900	6,200	696	.	8,104	4,052
Hydrochloric Acid (1995 and after "Acid Aerosols" Only)	2	0	.	.	.	0	0	0
Chromium Compounds[C, M]	1	20	.	1,400	.	.	1,420	1,420
Chlorodifluoromethane[O]	1	0	.	.	.	.	0	0
Dibutyl Phthalate	1	0	.	504	.	1,465	1,969	1,969
Toluene-2,6-diisocyanate[C]	1	0	.	.	.	.	0	0
Ethylene Glycol	1	0	.	.	.	.	0	0
Maleic Anhydride	1	1,173	.	.	996	.	2,169	2,169
Phenol	1	0	.	.	5	.	5	5
Cyclohexane	1	0	.	.	250	.	250	250
1,2,4-trichlorobenzene	1	0	.	.	250	.	250	250
Tetrachloroethylene[C]	1	0	.	.	.	.	0	0
Dimethyl Phthalate	1	0	.	.	.	.	0	0
Toluene-2,4-diisocyanate[C]	1	0	.	.	.	.	0	0
Manganese[M]	1	0	.	5,800	.	.	5,800	5,800
Chromium[M]	1	0	.	12,000	.	.	12,000	12,000
Sulfuric Acid	1	0	.	.	.	.	0	0
	336**	83,449	92,948	3,626,370	428,864	5,669,951	9,901,832	29,470

[C] Known or suspect carcinogens [M] Metals and metal compounds [O] Ozone depleters

* Refer to Section III for a discussion of the TRI data and its limitations, methodology used to obtain this data, definitions of the column headings, and the definitions of carcinogens, metals, and ozone depleters.

**Total number of facilities (not chemical reports) reporting to TRI in this industry sector.

Ten Largest Volume TRI Releasing Furniture and Fixtures Facilities Reporting Only SIC 25*		
Rank	Facility¹	Total TRI Releases in Pounds
1	Peters-Revington Furniture, Delphi, Indiana	746,952
2	J. D. Bassett Mfg. Co., Bassett, Virginia	617,062
3	Singer Furniture Co., Lenoir, North Carolina	615,871
4	Lane Co. Inc., Altavista, Virginia	530,931
5	Stanley Furniture Co., Stanleytown, Virginia	504,289
6	Florida Furniture Ind. Inc., Palatka, Florida	481,000
7	Johnston-Tombigbee Furniture, Columbus, Mississippi	433,086
8	Florida Furniture Ind. Inc., Palatka, Florida	419,000
9	Pulaski Furniture Corp., Dublin, Virginia	410,513
10	Bassett Furniture Ind., Dublin, Georgia	402,762

Source: *US EPA 1995 Toxics Release Inventory Database*.

*Refer to Section III for a general discussion of TRI data and its limitations. A discussion of the methodology used to develop this table can be found under the heading *Ten Largest Volume TRI Releasing Facilities*.

Ten Largest Volume TRI Releasing Facilities Reporting Only SIC 25 or SIC 25 and Other SIC Codes*			
Rank	Facility¹	SIC Codes Reported in TRI	Total TRI Releases in Pounds
1	Broyhill Furniture Ind. Inc., Lenoir, North Carolina	2493, 2511	1,227,679
2	Steelcase Inc., Grand Rapids, Michigan	2521, 2522, 2542	1,133,192
3	Peters-Revington Furniture, Delphi, Indiana	2511	746,952
4	J. D. Bassett Mfg. Co., Bassett, Virginia	2511	617,062
5	Singer Furniture Co., Lenoir, North Carolina	2511	615,871
6	Broyhill Furniture Ind. Inc., Lenoir, North Carolina	2511, 2435, 2436	597,794
7	Lane Co. Inc., Altavista, Virginia	2511	530,931
8	Stanley Furniture Co., Stanleytown, Virginia	2511	504,289
9	Florida Furniture Ind. Inc., Palatka, Florida	2511	481,000
10	Aristokraft Inc., Jasper, Indiana	2434, 2517	452,800

Source: *US EPA Toxics Release Inventory Database, 1995*.

*Refer to Section III for a general discussion of TRI data and its limitations. A discussion of the methodology used to develop this table can be found under the heading *Ten Largest Volume TRI Releasing Facilities*.

¹ Being included on this list does not mean that the release is associated with non-compliance with environmental laws.

Source Reduction and Recycling Activity for Wood Furniture and Fixtures Facilities (SIC 25) as Reported within TRI*									
A	B	C	On-Site			Off-Site			J
Year	Quantity of Production- Related Waste (10 ⁶ lbs.) ^a	% Released and Transferred ^b	D	E	F	G	H	I	% Released and Disposed ^c Off-site
			% Recycled	% Energy Recovery	% Treated	% Recycled	% Energy Recovery	% Treated	
1994	51	101%	2%	0%	1%	3%	9%	3%	83%
1995	56	85%	4%	0%	1%	5%	10%	1%	78%
1996	54	---	4%	0%	1%	5%	10%	1%	79%
1997	54	---	4%	0%	1%	5%	10%	1%	79%

Source: 1995 Toxics Release Inventory Database.

* Refer to Section III for a general discussion of TRI data and its limitations. A discussion of the methodology used to develop this table can be found under the heading *Source Reduction and Recycling Activity*.

^a Within this industry sector, non-production related waste < 1% of production related wastes for 1995.

^b Total TRI transfers and releases as reported in Section 5 and 6 of Form R as a percentage of production related wastes.

^c Percentage of production related waste released to the environment and transferred off-site for disposal.

Five-Year Enforcement and Compliance Summary for the Wood Furniture and Fixtures Industry*									
A	B	C	D	E	F	G	H	I	J
Region	Facilities in Search	Facilities Inspected	Number of Inspections	Average Months Between Inspections	Facilities with 1 or More Enforcement Actions	Total Enforcement Actions	Percent State Lead Actions	Percent Federal Lead Actions	Enforcement to Inspection Rate
I	16	14	64	15	2	1	100%	0%	0.02
II	21	15	52	24	2	1	100%	0%	0.02
III	61	51	356	10	10	18	83%	17%	0.05
IV	186	162	1,305	9	25	35	86%	14%	0.03
V	108	78	337	19	15	23	87%	13%	0.07
VI	30	22	96	19	1	2	100%	0%	0.02
VII	21	17	85	15	5	6	67%	33%	0.07
VIII	13	9	30	26	2	2	50%	50%	0.07
IX	33	10	33	60	0	0	0%	0%	--
X	10	8	21	29	3	3	100%	100%	0.14
TOTAL	499	386	2,379	13	65	91	19%	19%	0.04

*Data obtained from EPA's Integrated Data for Enforcement Analysis (IDEA) System. For a description of IDEA and the methods used to obtain this data, refer to Section II.C. A discussion of this table can be found under the heading, *Five-Year Enforcement and Compliance Summary*, in Section III.